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DATA EVALUATION REPORT

Study Type: Evaluation of a Summary of Supplemental Toxicity  
Information Supporting the Registration of CGA-154281  
Technical. Nonguideline

DP Barcode: D223738  
ID#: 7E03489

SUBMISSION#: S446951  
PC#:

Test Material: Benoxacor Technical (CAS#: 41289-08-1)  
Synonym: CGA-154281

Citation: C. Breckenridge (August 9, 1993). Summary of Supplemental  
Toxicity Information Supporting the Registration of  
CGA-154281 Technical. Ciba Crop Protection, Ciba-Geigy  
P.O. Box 18300, Greensboro, N.C. 27419. Unpublished  
(MRID# 433374-01).

Sponsor: Ciba-Geigy Ltd, Greensboro, NC

Action Requested: Review a report on a summary of supplemental  
toxicity information supporting the registration of CGA154281  
technical (Benoxacor).

Background: This report is a brief overview of the hazard profile  
for CGA154281 (Benoxacor), including, acute, developmental,  
subchronic and chronic toxicity and mutagenicity studies that  
have been submitted and reviewed by the Agency. A detailed  
summary of toxicity endpoints and references were presented.

Uses: CGA-154281 is an herbicide safener formulated with  
metolachlor at a ratio 1:30 and applied at a maximum rate of 0.125  
lbs/acre. It protects corn seedlings from damage induced by  
metolachlor under adverse growing conditions such as high soil  
moisture or low soil temperature.

Tolerances: It was noted that food crop tolerances have been  
established for CGA-154281 at the 0.01 ppm level for all  
commodities for which metolachlor is registered.

Conclusion: Data contained in this summary report (MRID433374-01)  
have been submitted and reviewed by the Agency, hence no review of  
this summary study report is necessary. Discussions on individual  
studies have been evaluated in various DERs. These data have also  
been thoroughly discussed in conjunction with the evaluation of the  
significance of forestomach tumors induced in rodents by CGA154281  
(Benoxacor) that the registrant submitted to the Agency  
(MRID428887-05; see DER dated 7/25/96 on this subject matter and  
the various DERs cited in this DER).